



# FEMA

**Disclaimer:** The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

## FEMA Region 6 Weather Threat Briefing

Thursday May 28, 2015

Issued: 0800 CT

***Day 1 Hazards:*** Slight risk of severe storms over the Panhandles, E NM and NW TX later today; ongoing storms over Red River Valley tonight and overnight may cause additional flooding concerns.

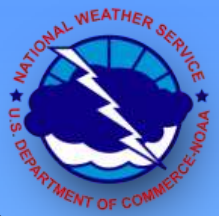
***Continuing Hazards:*** Major river flooding ongoing TX, OK, AR and LA.

National Weather Service  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX



Prepared by: Jennifer McNatt  
817-978-1100 x 147

# Key Points



## Today

- Ongoing storms from E OK through E-Central TX this morning will slowly shift eastward today; heavy rain and a few strong storms possible
- Another round of strong to severe thunderstorms expected to develop over the Texas Panhandle/west Texas this afternoon and move eastward through the late evening/overnight hours
  - Slight risk of severe thunderstorms over the Panhandles, extreme E NM, and much of NW TX with damaging winds, hail and a few tornadoes
  - Heavy rainfall will continue the flash flood threat over much of OK & N TX due to already saturated soils

## Saturday

- Widespread area of showers and thunderstorms capable of producing heavy rainfall and additional flash flooding over AR, LA and much of E and S-Central TX
  - Widespread severe weather threat appears to be low at this time

## Sunday – Tuesday

- Heavy rain threat shifts to over SE AR, LA and Coastal TX on Sunday
  - Any additional rainfall, especially near the Houston area, will aggravate flooding concerns
- Rain likely to continue over S LA and SE TX on Monday and Tuesday; amounts don't appear to be enough to produce widespread flooding, but any additional rainfall may aggravate flooding concerns, especially in the Houston area

# \*FEMA Region 6 Threat Matrix

## May 29, 2015 - Jun 2, 2015

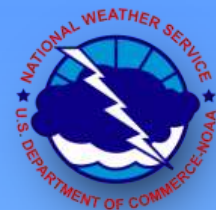
DAY/ THREAT	FRI	SAT	SUN	MON	TUE
Severe Storms	Panhandles, NW TX	AR, LA, TX, NM	LA, Coastal TX		
Heavy Rain /Flash Flooding	OK, TX	AR, N LA, E and S-Central TX	LA, Coastal TX	S LA, SE TX	S LA, SE TX
Fire					
River Flooding	TX, S OK, AR, NE LA	TX, S OK, AR, NE LA	TX, S OK, AR, NE LA	TX, S OK	TX, S OK
				AR, LA	AR, LA

	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*We are experimenting with a new color scale to the left as of April 13<sup>th</sup>. Please provide feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov). See next slide for more details.*



**We are experimenting with a new color scale in these briefings, starting on April 13<sup>th</sup>. The criteria is below, please provide your feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov) and we plan to re-evaluate in the coming months.**

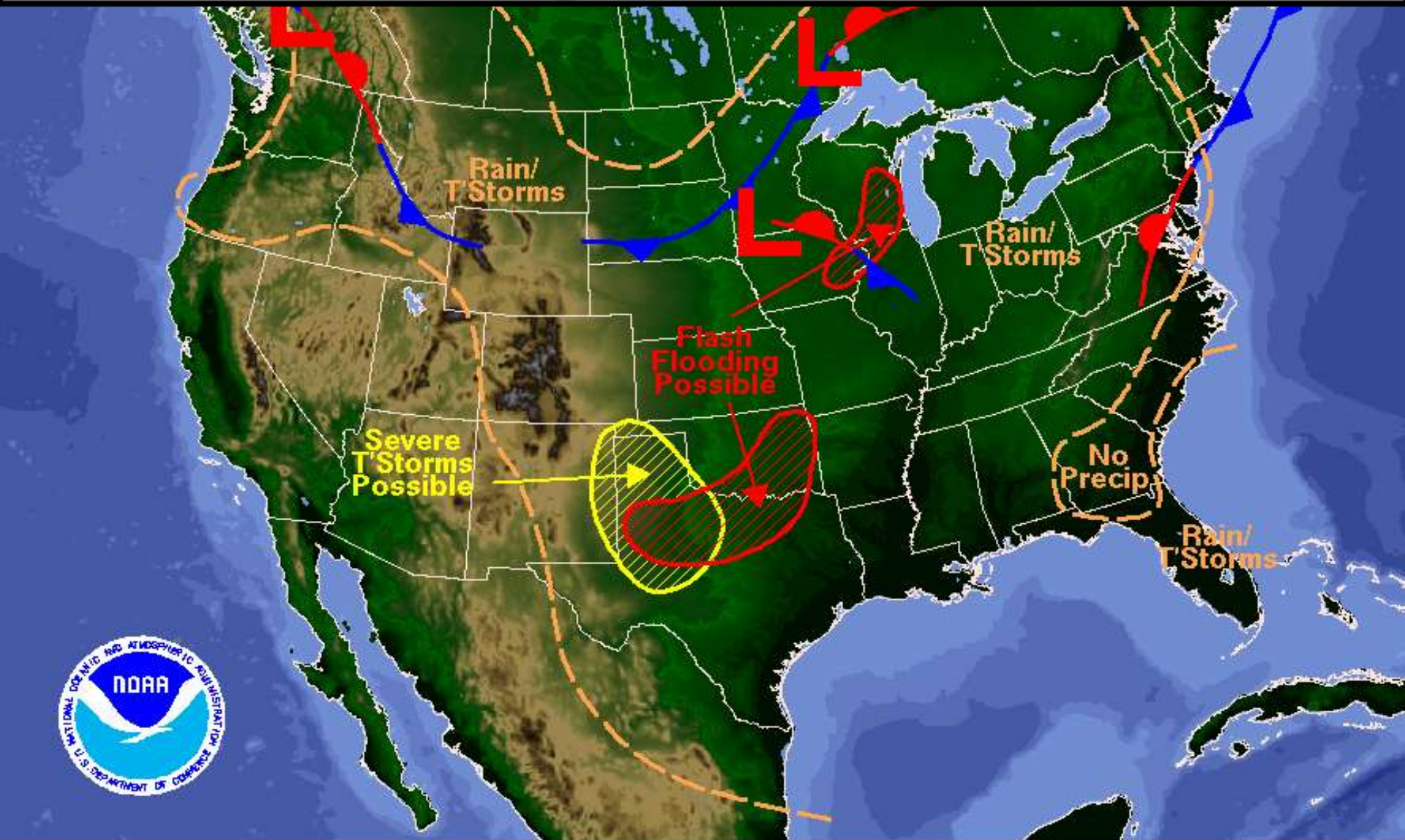


**Weather "Threat" Matrix**

Color	Definition	Criteria	Example(s)
<b>Green</b>	<b>Very Common – Happens Often</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
<b>Yellow</b>	<b>Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Minor Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>
<b>Orange</b>	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Large Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> </ul>
<b>Red</b>	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Major Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> </ul>
<b>Purple</b>	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically results in Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>



# Today's Weather

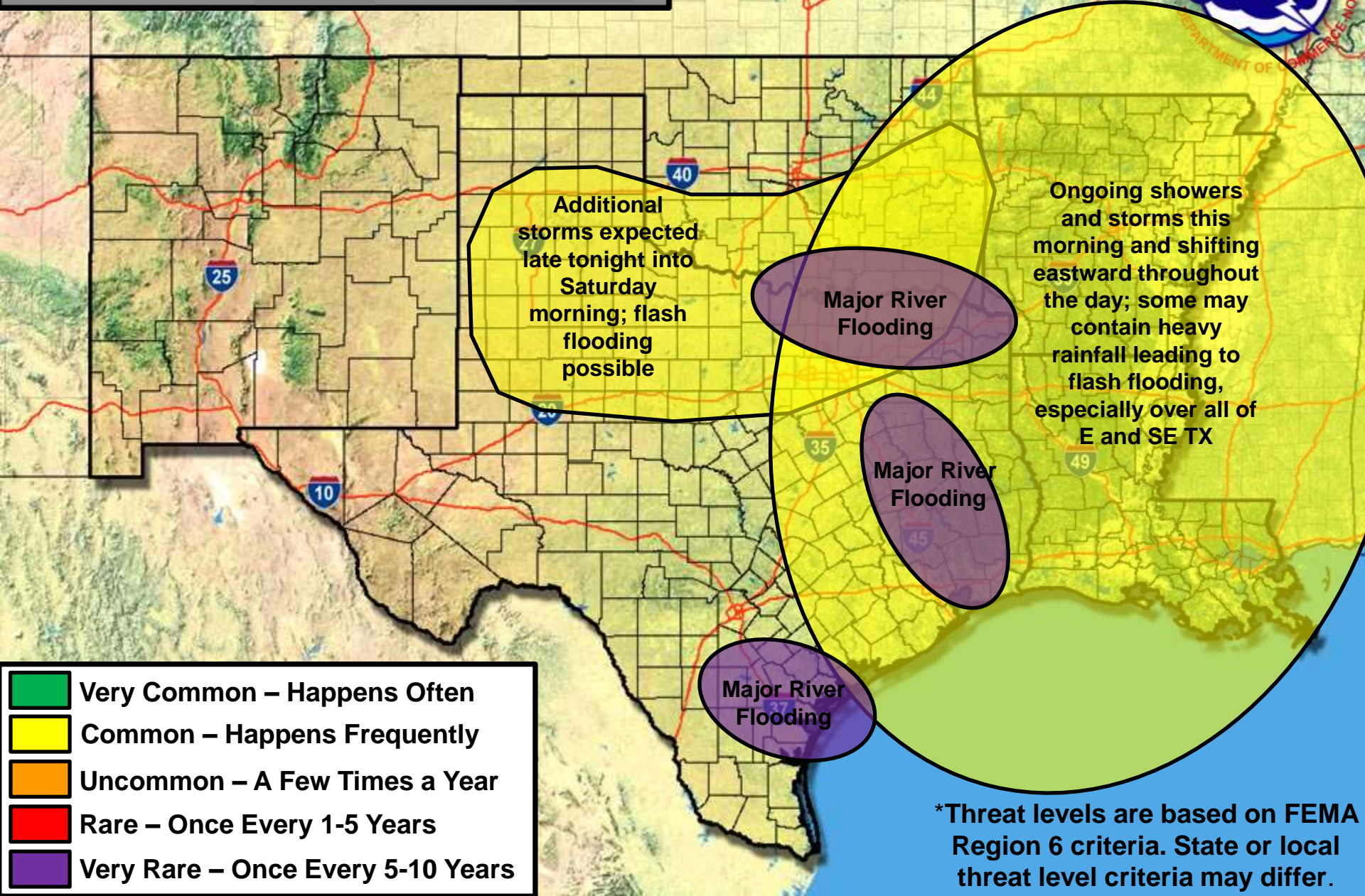


Weather Forecast for Fri, May 29, 2015, issued 4:19 AM EDT  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by McCreynolds based on WPC, SPC and NHC forecasts



# Day 1 Weather Hazards

Valid: 0800 Fri - 0800 Sat



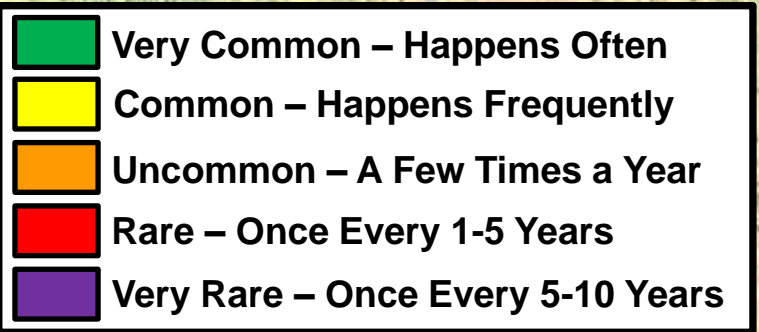
Additional storms expected late tonight into Saturday morning; flash flooding possible

Major River Flooding

Major River Flooding

Major River Flooding

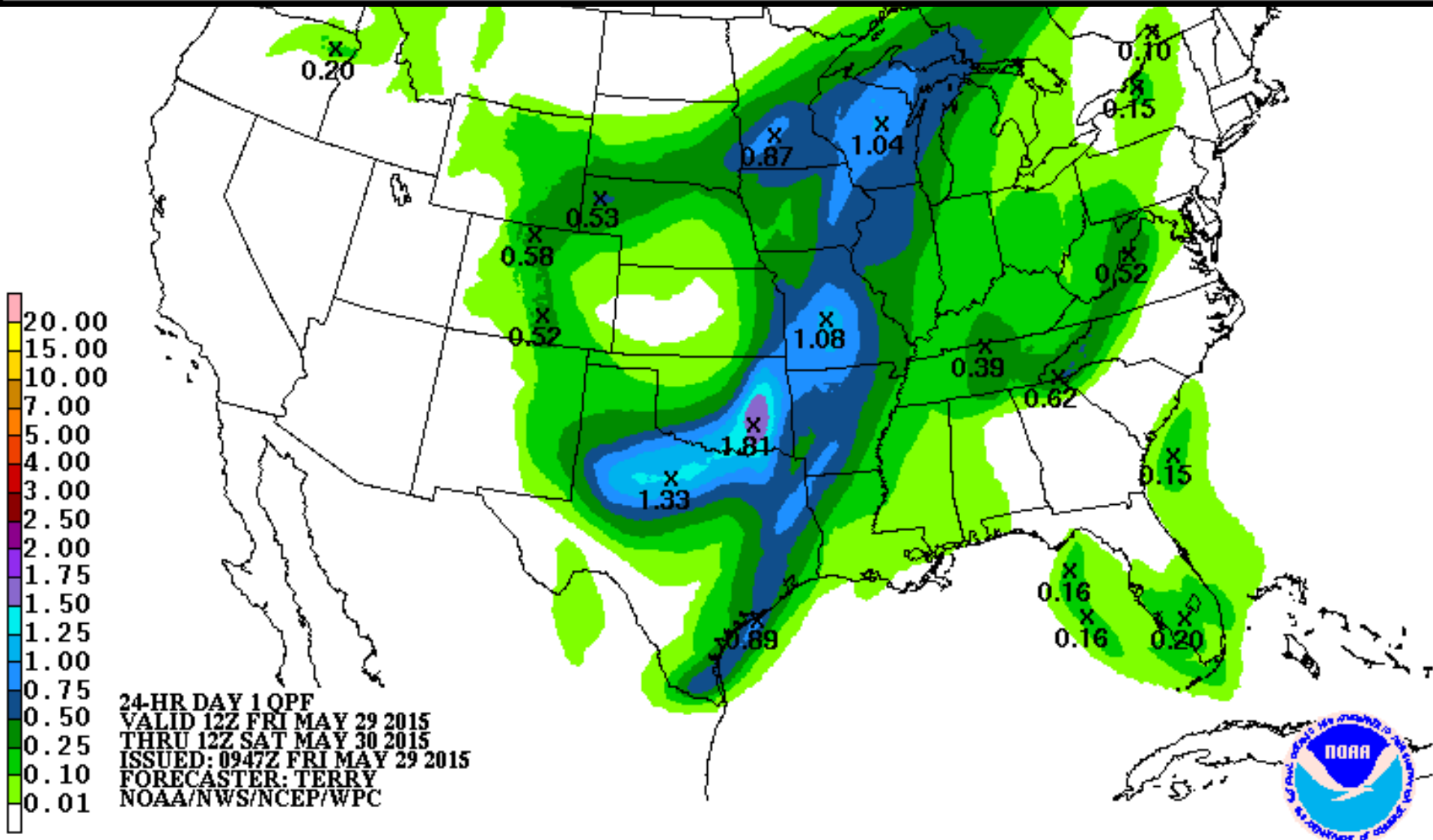
Ongoing showers and storms this morning and shifting eastward throughout the day; some may contain heavy rainfall leading to flash flooding, especially over all of E and SE TX



\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

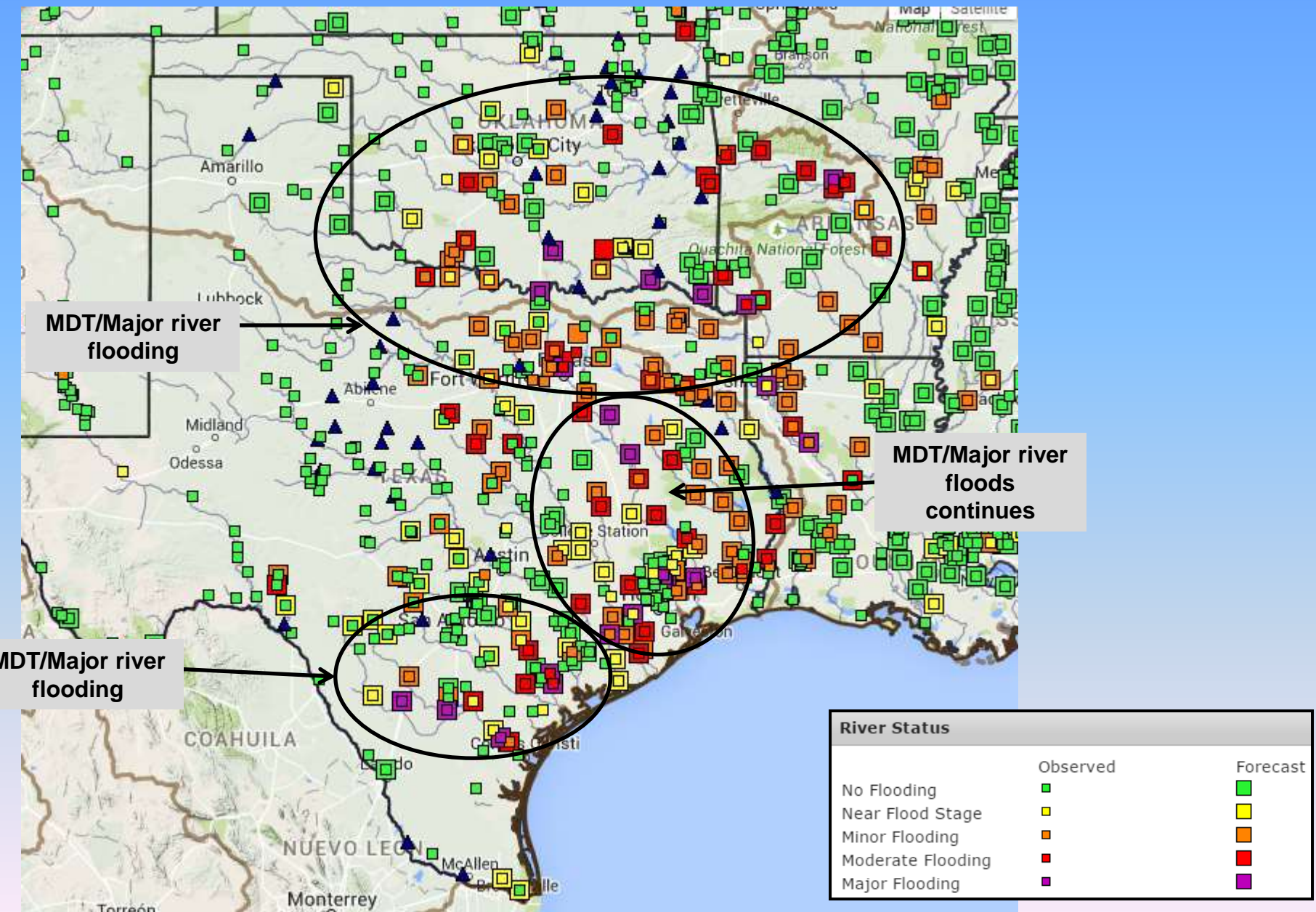
# Today's Precipitation

## Fri AM - Sat AM



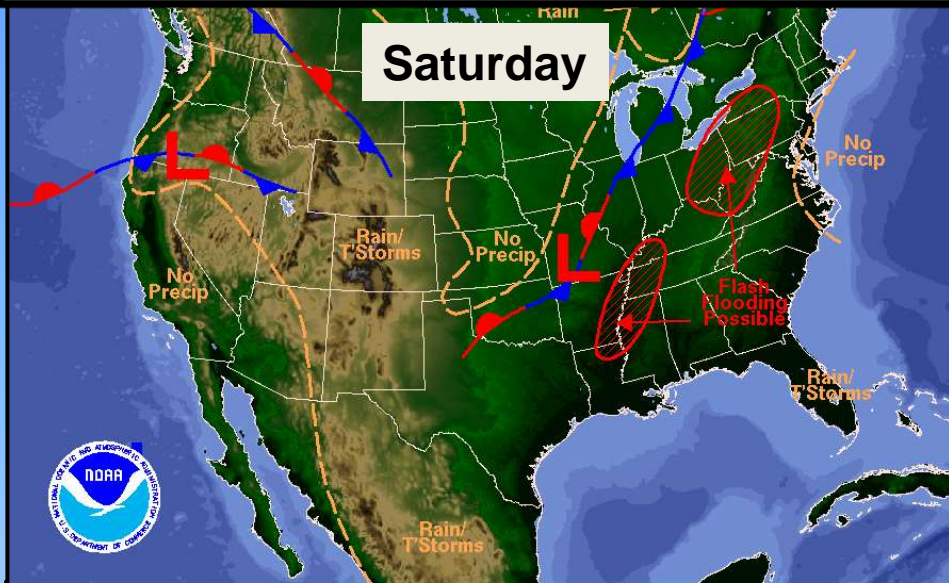


# Current River Status / Near Term Forecast

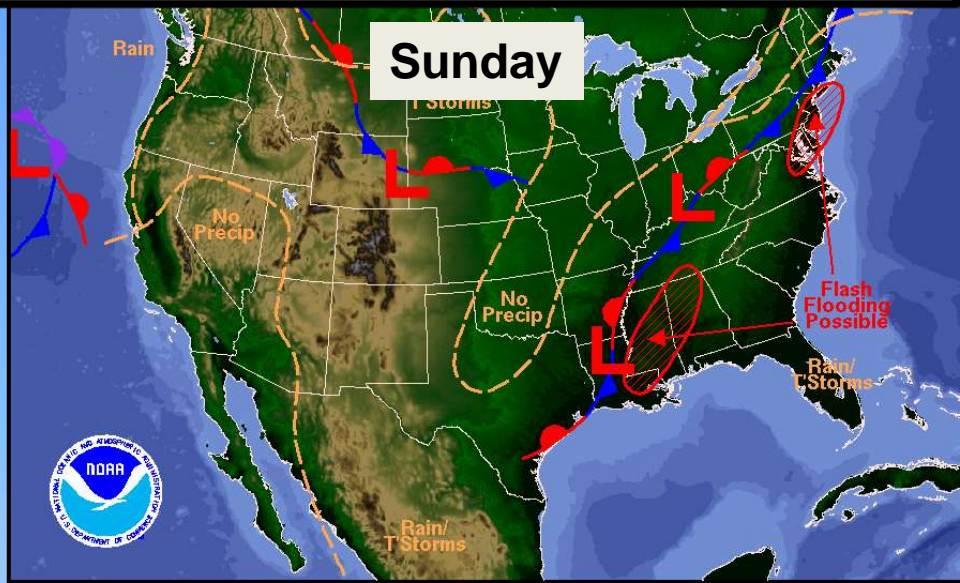




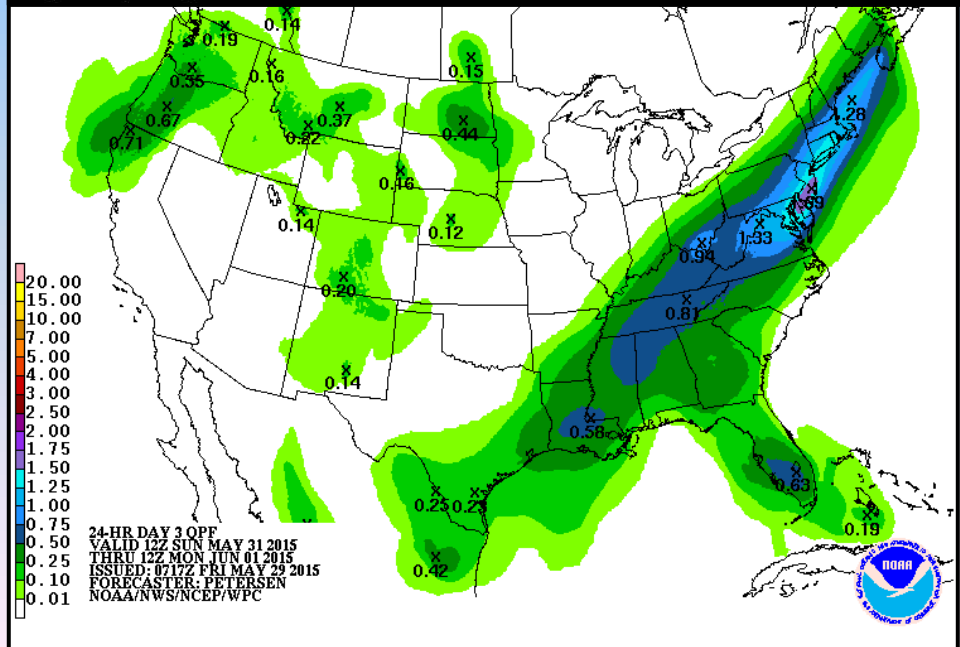
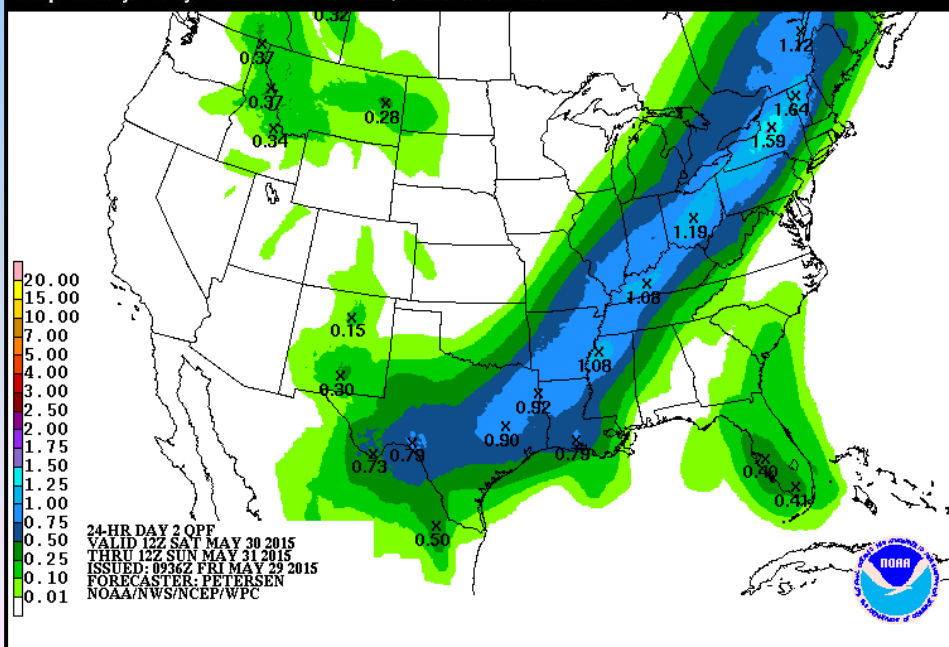
# Day 2-3 Weather Maps/Precipitation



Weather Forecast for Sat, May 30, 2015, issued 4:27 AM EDT Fri, May 29, 2015  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McCreynolds based on WPC, SPC and NHC forecasts



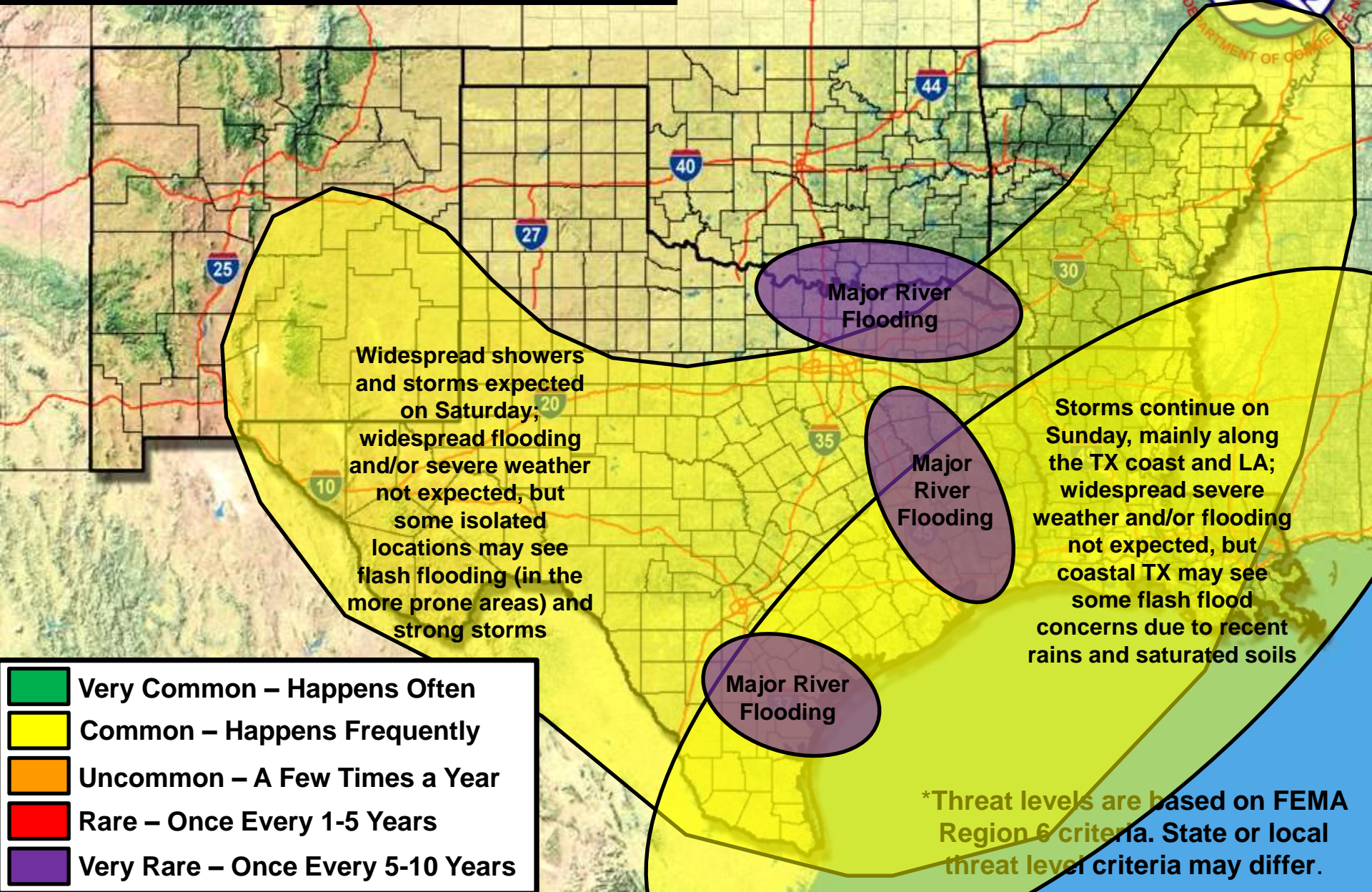
Weather Forecast for Sun, May 31, 2015, issued 4:38 AM EDT Fri, May 29, 2015  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McCreynolds based on WPC, SPC and NHC forecasts





# Day 2-3 Weather Hazards

Valid: 0800 Sat - 0800 Mon



Widespread showers and storms expected on Saturday; widespread flooding and/or severe weather not expected, but some isolated locations may see flash flooding (in the more prone areas) and strong storms

Major River Flooding

Major River Flooding

Major River Flooding

Storms continue on Sunday, mainly along the TX coast and LA; widespread severe weather and/or flooding not expected, but coastal TX may see some flash flood concerns due to recent rains and saturated soils

Very Common – Happens Often

Common – Happens Frequently

Uncommon – A Few Times a Year

Rare – Once Every 1-5 Years

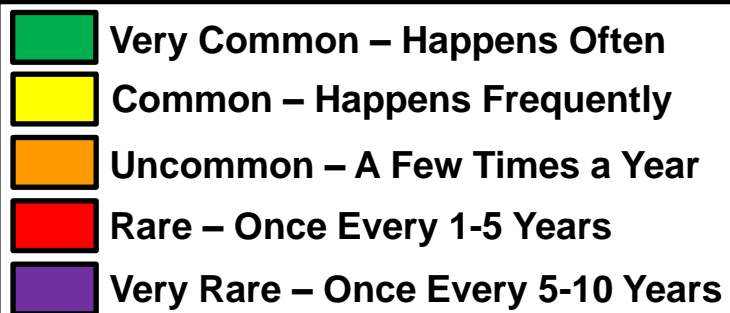
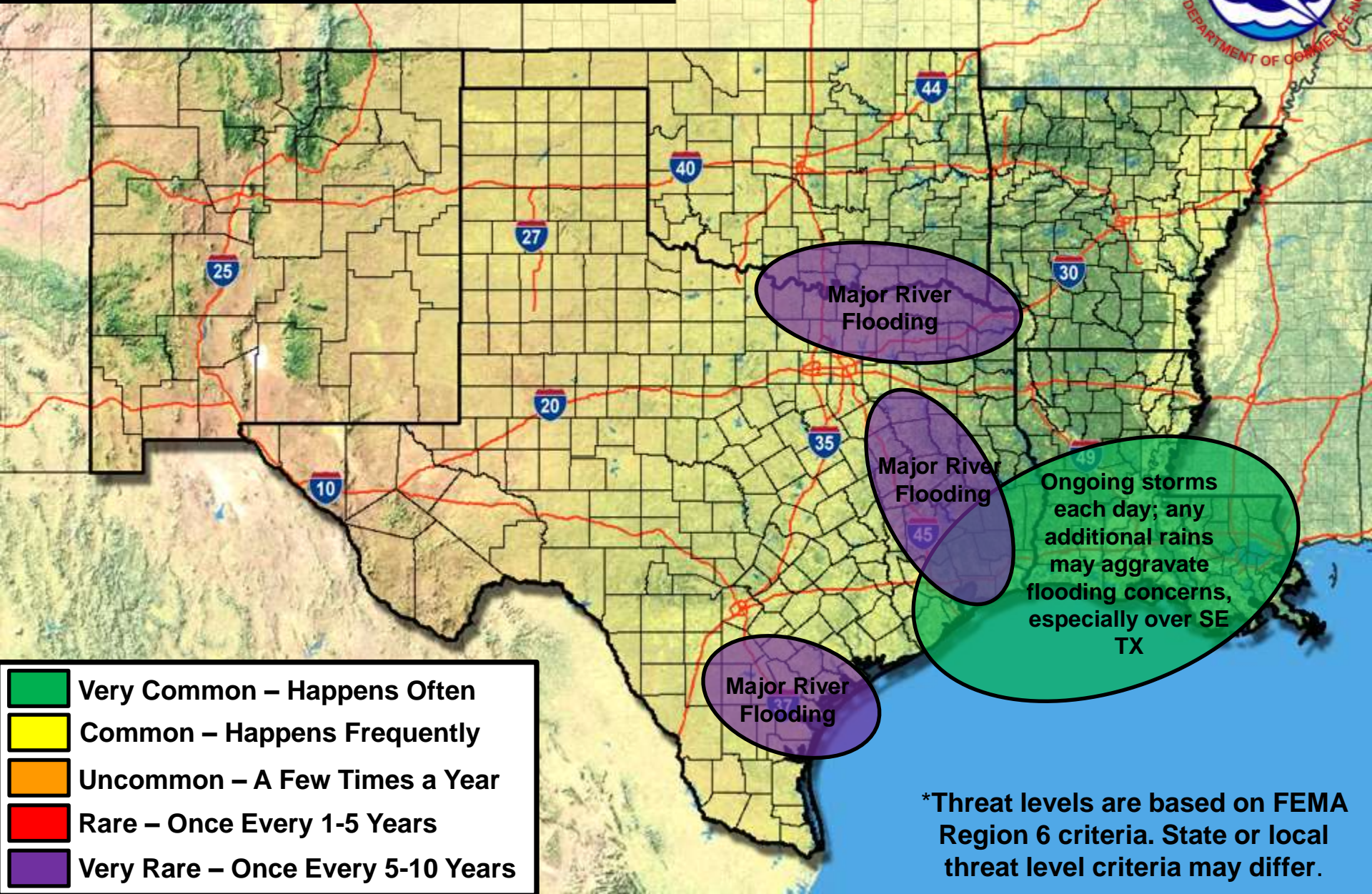
Very Rare – Once Every 5-10 Years

\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.



# Day 4-5 Weather Hazards

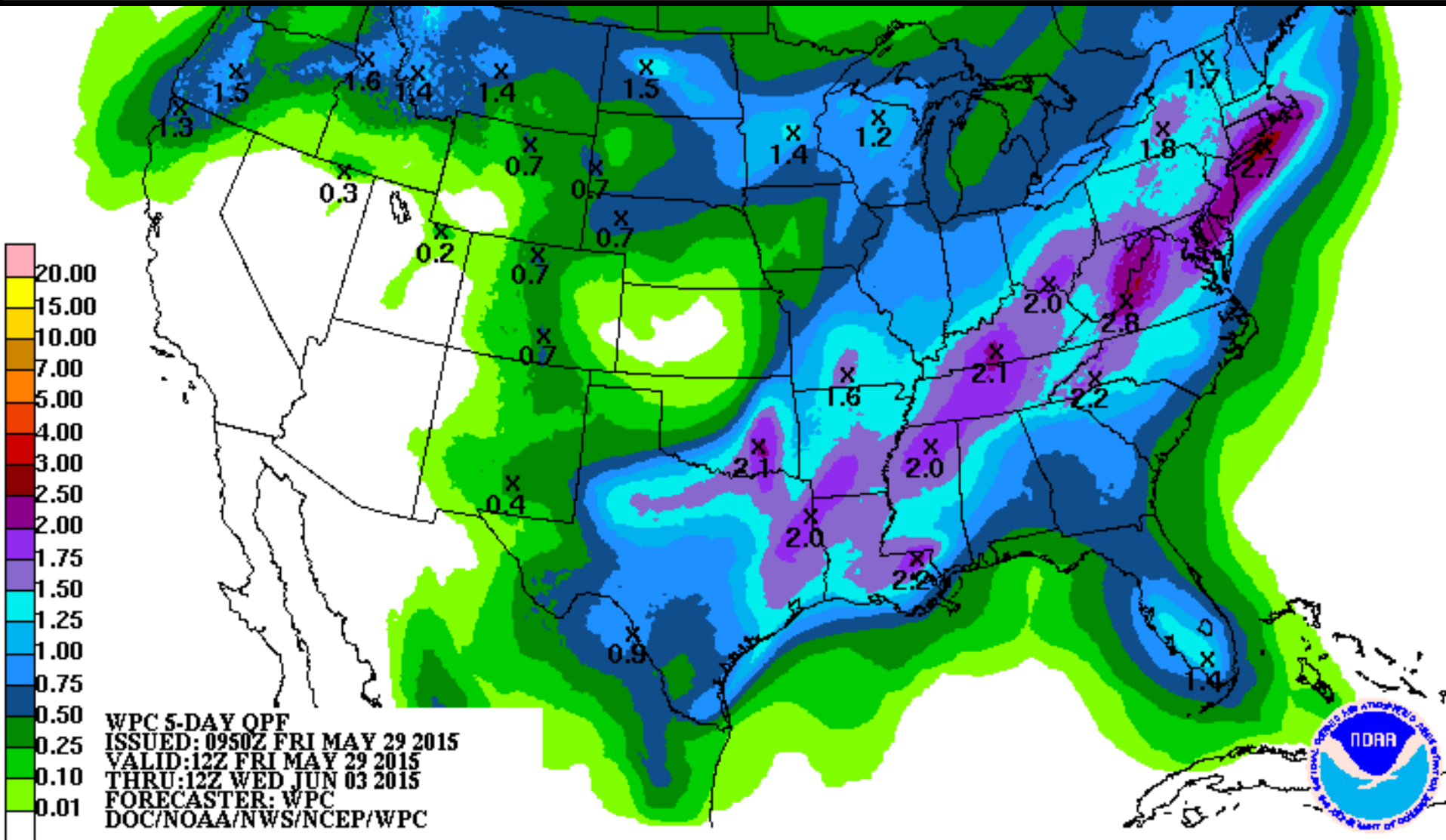
**Valid: 0800 Mon - 0800 Wed**



**\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.**

# 5-Day Precipitation

## Fri AM - Wed AM

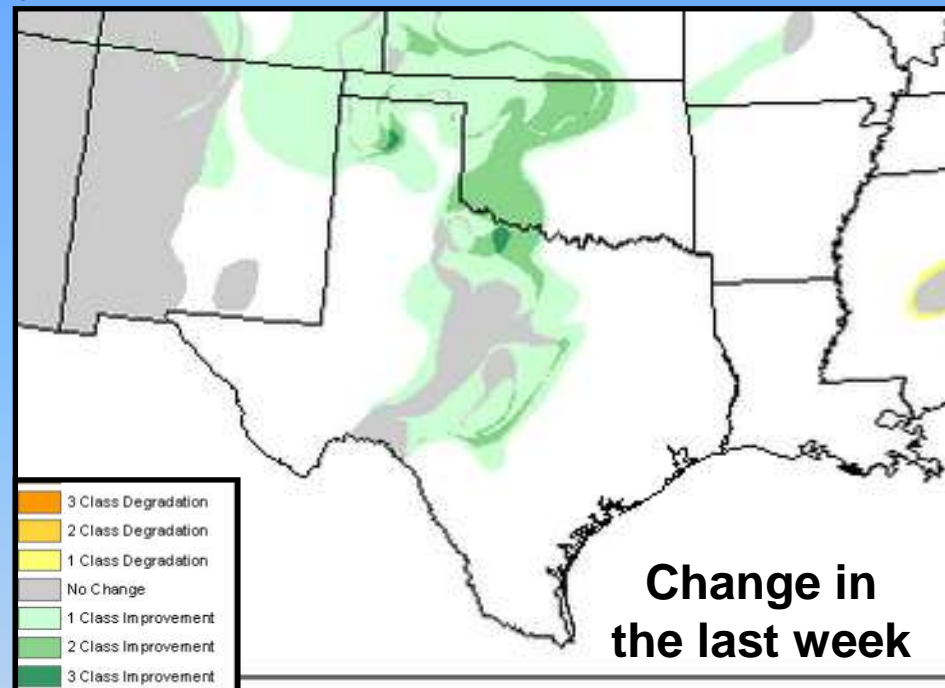
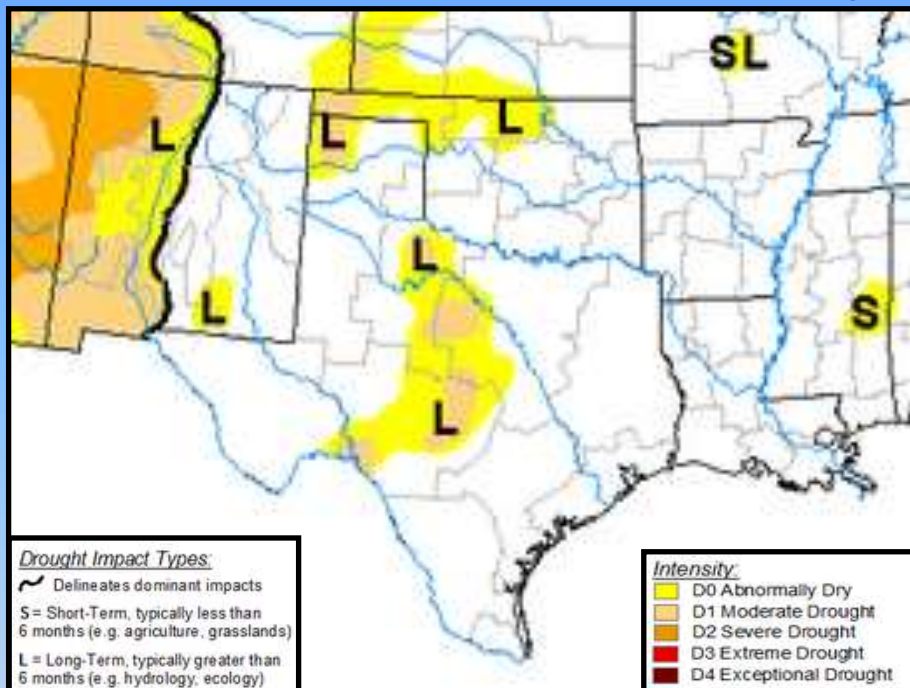






# Drought Monitor Released May 28th, 2015

Data valid as of Tuesday, May 26th, 2015 at 7AM EST



## Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	10.95%	34.85%
Texas	0.00%	0.00%	10.95%	23.90%
New Mexico	0.00%	0.00%	3.70%	35.64%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%

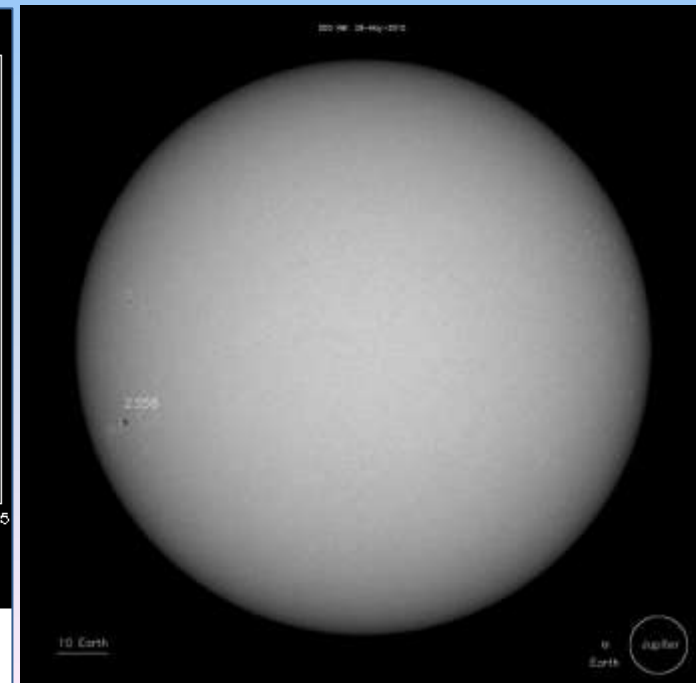
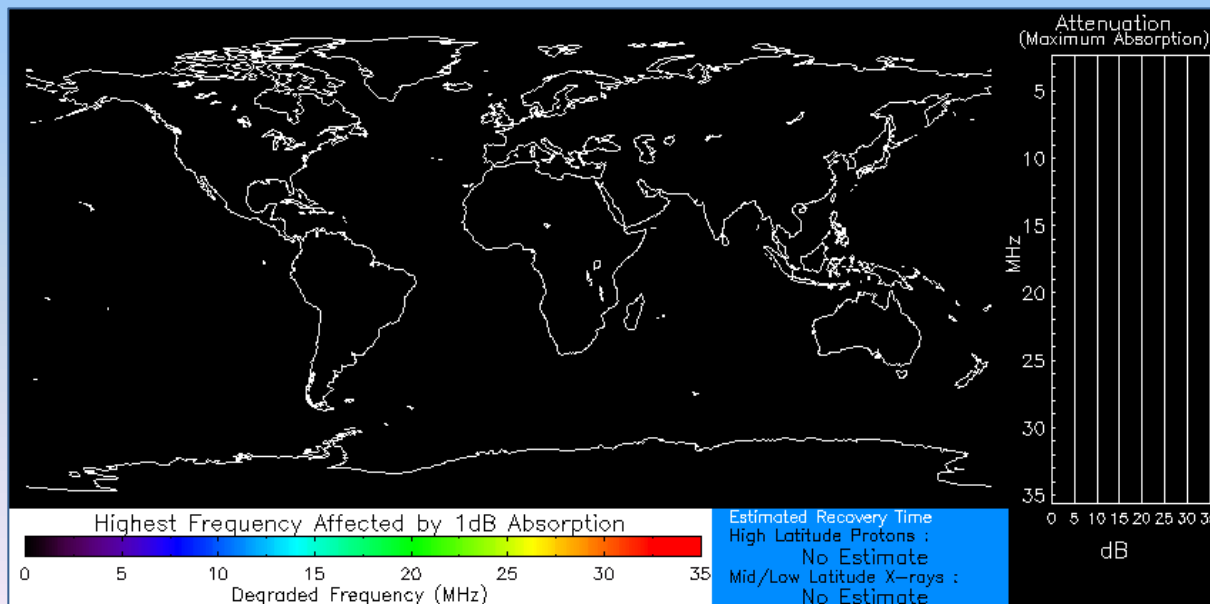
# Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Friday	Saturday	Sunday
Geomagnetic Storms	Quiet to Active (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	5%	5%	5%
Radio Blackout (R3-R5)	1%	1%	1%



Normal X-ray Background  
Product Valid At : 2015-05-29 10:07 UTC

Normal Proton Background  
NOAA/SWPC Boulder, CO USA



Information provided by:



**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

Phone: (817) 978-1100 x147

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